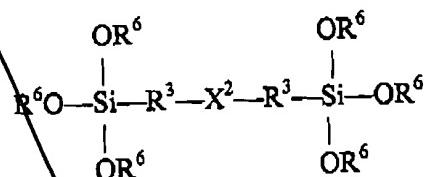


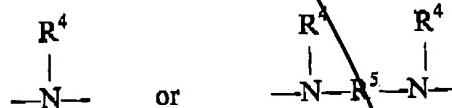
*Sub D1
cont*

(b) applying a silane solution to said metal surface, said silane solution having at least one vinyl silane and at least one bis-silyl aminosilane, wherein said at least one vinyl silane and said at least one bis-silyl aminosilane have been at least partially hydrolyzed, and wherein the bis-silyl aminosilane comprises:



wherein:

- CH CON*
- each R⁶ is individually chosen from the group consisting of: hydrogen and C₁-C₂₄ alkyl;
 - each R³ is individually chosen from the group consisting of: substituted aliphatic groups, unsubstituted aliphatic groups, substituted aromatic groups, and unsubstituted aromatic groups; and
 - X² is either:



- wherein each R⁴ is hydrogen; and
- R⁵ is chosen from the groups consisting of: substituted and unsubstituted aliphatic groups, and substituted and unsubstituted aromatic groups.

B2 Sub D1

-- 9. (Amended) The method of claim 1, wherein each R⁶ is individually chosen from the group consisting of: hydrogen, ethyl, methyl, propyl, iso-propyl, butyl, iso-butyl, sec-butyl and ter-butyl.